

4) **Carbon** & **Hydrogen**

Family	1 2 3 4 5 6 7 8	Dot Diagram (•)	Family	1 2 3 4 5 6 7 8	Dot Diagram (•)
Valence Electrons	_____	1 2 7 8 C 4	Valence Electrons	_____	1 2 7 8 H 1
Number of Bonds	_____		Number of Bonds	_____	
Number of atoms needed	_____		Number of atoms needed	_____	

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing **Electrons you may need** **Dot Diagram Molecule**

single double triple left right middle Drag and drop the Bond Type top left right bottom

Formula

Name of compound: _____

5) **Nitrogen** & **Hydrogen**

Family	1 2 3 4 5 6 7 8	Dot Diagram (•)	Family	1 2 3 4 5 6 7 8	Dot Diagram (•)
Valence Electrons	_____	1 2 7 8 N 5	Valence Electrons	_____	1 2 7 8 H 1
Number of Bonds	_____		Number of Bonds	_____	
Number of atoms needed	_____		Number of atoms needed	_____	

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing **Electrons you may need** **Dot Diagram Molecule**

single double triple left right middle Drag and drop the Bond Type top left right bottom

Formula

Name of compound: _____

6) **Carbon** & **Chlorine**

Family	1 2 3 4 5 6 7 8	Dot Diagram (•)	Family	1 2 3 4 5 6 7 8	Dot Diagram (•)
Valence Electrons	_____	1 2 7 8 C 4	Valence Electrons	_____	1 2 7 8 Cl 7
Number of Bonds	_____		Number of Bonds	_____	
Number of atoms needed	_____		Number of atoms needed	_____	

Circle Bond Type for the diagram - = ≡

Molecule Line Drawing **Electrons you may need** **Dot Diagram Molecule**

single double triple left right middle Drag and drop the Bond Type top left right bottom

Formula

Name of compound: _____